

## **STIC Biotechnology Systems Branch**

### **RAW SEQUENCE LISTING** **ERROR REPORT**

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/813,156A  
Source: IFWP  
Date Processed by STIC: 11/6/06

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE **CHECKER VERSION 4.4.0 PROGRAM**, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

**<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , **EFS Submission User Manual** - ePAVE)
2. **U.S. Postal Service:** Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. **Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):**  
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

## Raw Sequence Listing Error Summary

### ERROR DETECTED

### SUGGESTED CORRECTION

SERIAL NUMBER:

10/813,156A

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics  
    Wrapped Aminos      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
  
- 2      Invalid Line Length      The rules require that a line **not exceed** 72 characters in length. This includes white spaces.
  
- 3      Misaligned Amino  
    Numbering      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do **not** use tab codes between numbers; use **space characters**, instead.
  
- 4      Non-ASCII      The submitted file was **not** saved in ASCII(DOS) text, as **required** by the Sequence Rules. Please **ensure your subsequent submission is saved in ASCII text**.
  
- 5      Variable Length      Sequence(s)      contain n's or Xaa's representing more than one residue. **Per Sequence Rules, each n or Xaa can only represent a single residue.** Please present the **maximum** number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
  
- 6      PatentIn 2.0  
    "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)     . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. **This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.**
  
- 7      Skipped Sequences  
    (OLD RULES)      Sequence(s)      missing. If intentional, please insert the following lines for **each** skipped sequence:  
     (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
     (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
     (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
     This sequence is intentionally skipped  
  
     Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to **include** the skipped sequences.
  
- 8      Skipped Sequences  
    (NEW RULES)      Sequence(s)      missing. If **intentional**, please insert the following lines for **each** skipped sequence.  
     <210> sequence id number  
     <400> sequence id number  
     000
  
- 9      Use of n's or Xaa's  
    (NEW RULES)      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
     Per 1.823 of Sequence Rules, use of <220>-<223> is **MANDATORY** if n's or Xaa's are present.  
     In <220> to <223> section, please explain location of **n** or **Xaa**, and which residue **n** or **Xaa** represents.
  
- 10      Invalid <213>  
    Response      Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is **required** when <213> response is Unknown or is Artificial Sequence
  
- 11      Use of <220>      Sequence(s)      missing the <220> "Feature" and associated numeric identifiers and responses.  
     Use of <220> to <223> is **MANDATORY** if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
     (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)
  
- 12      PatentIn 2.0  
    "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
  
- 13      Misuse of n/Xaa      "n" can **only** represent a single nucleotide; "Xaa" can **only** represent a single amino acid



IFWO

## RAW SEQUENCE LISTING

DATE: 11/06/2006

PATENT APPLICATION: US/10/813,156A

TIME: 10:52:22

Input Set : A:\Q80880.ST25.txt

Output Set : N:\CRF4\11062006\J813156A.raw

For

3 <110> APPLICANT: Council Of Scientific & Industrial Research  
 4 Singh, Jagmohan  
 5 Kumar, Raj  
 7 <120> TITLE OF INVENTION: Novel Temperature Regulated Promoters and Expression Vectors

8 Proteins From Schizosaccharomyces Pombe

10 <130> FILE REFERENCE: Q80880

12 <140> CURRENT APPLICATION NUMBER: US 10/813,156A

13 <141> CURRENT FILING DATE: 2004-03-31

15 <160> NUMBER OF SEQ ID NOS: 3

17 <170> SOFTWARE: PatentIn version 3.3

19 <210> SEQ ID NO: 1

20 <211> LENGTH: 185

21 <212> TYPE: DNA

22 <213> ORGANISM: nmt-185 promoter

24 <400> SEQUENCE: 1

25 aaaggaatcc gattgtcatt cggcaatgtg cagcgaaact aaaaaccgga taatggacct 60  
 27 gttaatcgaa acattgaaga tatataaagg aagaggaatc ctggcatatc atcaattgaa 120  
 29 taagttgaat taattatttc aatctcattc tcactttctg acttatagtc gctttgtaa 180  
 31 atcat 185

34 <210> SEQ ID NO: 2

35 <211> LENGTH: 146

36 <212> TYPE: DNA

37 <213> ORGANISM: nmt-146 promoter

39 <400> SEQUENCE: 2

40 taaaaaccgg ataatggacc tgtaaatcga aacattgaag atatataaag gaagaggaat 60  
 42 cctggcatat catcaattga ataagttgaa ttaattattt caatctcatt ctcaatttct 120  
 44 gacttatagt cgctttgtta aatcat 146

47 <210> SEQ ID NO: 3

48 <211> LENGTH: 1199

49 <212> TYPE: DNA

50 <213> ORGANISM: nmt1 promoter

52 <400> SEQUENCE: 3

53 tgatcagaaa attatcgcca taaaagacag aataagtcac cagcggttgt ttcatttctc 60  
 55 atattttttt tttatttttt tattttttta taagggaaaa tttaacgtct aaggatacag 120  
 57 aagattgtta gcacattaaa gtaataaagg cttaagtagt aagtgcctta gcatgttatt 180  
 59 gtatttcaaa ggacataatc taaaataata acaatatcat ttctcacaag ttattcaatt 240  
 61 ttcttttttt ttctataata tatcaagaat gtattatttg ttgacataa gtcaactaat 300  
 63 ttatttaata tgctggatta atcttgacga catgtaaatt aacaagtttt agtcaaataa 360  
 65 cgttgaagtt tcaatgaact caaataattt ctcttttttt ttatataacc atatgtctaa 420  
 67 tctgatttat attttccgca ggatcaactg aagttatgac atttgattg gatcattat 480  
 69 aaccttggtc gccaaataat acaaaaatca gcgttataaa acaaagaagg tttttgttaa 540  
 71 gaaattaatc ctctttcttg ataagaaagt tgaaccgaaa ttgcagatac tgatatatga 600  
 73 aaataatacc cacaattttg ggaatagcgc aagcctcaat ttaaacaata ggtgaggaca 660

Does Not Comply  
Corrected Diskette Needed

(pg.1)

Invalid  
responseInvalid  
responseSame  
errorSee  
item #

10 on

error

Summary  
Sheet

FYI: 213 responses CAN only be either Artificial/Unknown  
 OR Genus/Species.

file://C:\CRF4\Outhold\VsrJ813156A.htm 11/6/2006

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75	catgataatg	acctcaatga	ttgttagaag	aaaagagcct	cattacaaaa	tcgaaaaatg	720
77	aatgggtggg	tacaagtttc	caaaacatgg	taaagtggac	tttgcgtatg	agacgtaa	780
79	agaaaaaaac	acttggtata	tgttttctag	aattattggt	gtctctttat	ggttggatga	840
81	tgcaaaatag	taatttcggt	tagttgctgt	aaaacaccac	gagacaaata	gatatggata	900
83	tttattaaat	caggaaaaac	gtaactctcg	gctactggat	ggttcagtca	cccaacgatt	960
85	actggggaga	gaaaacaggg	caaaagcaaa	gcttaaagga	atccgattgt	cattcggcaa	1020
87	tgtgcagcga	aactaaaaac	cggataatgg	acctgttaat	cgaaacattg	aagatatata	1080
89	aaggaagagg	aatcctggca	tatcatcaat	tgaataagtt	gaattaatta	tttcaatctc	1140
91	attctcactt	tctgacttat	agtcgctttg	ttaaatcatg	tctactaaca	agatcactt	1199

VERIFICATION SUMMARY

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